FORM PTO-1449 (Modified)

U.S. Department of Commerce Patent and Trademark Office

Attorney Docket No.: UM-06669

Serial No.: 10/002,802

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Applicant: Michael D. Uhler

(37 CFR § 1.98(b))			Filing Date: 11/02/2001		Group Art Unit: 1636			
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Examiner Cite Initials No.		Serial / Patent Number	Issue Date	Applicant / Patentec	Class	Subclass	Filin	g Dat
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Sheet 2 of 4 FORM PTO-1449 U.S. Department of Commerce Attorney Docket No.: UM-06669 Serial No.: 10/002,802 Patent and Trademark Office (Modified) TEMENT BY APPLICANT **INFORMATION** Applicant: Michael D. Uhler If Necessary) 1636 Filing Date: 11/02/2001 Group Art Unit: (37 CFR § 1.98(b)) OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication) Amundson, et al., Fluorescent cDNA microarray hybridization reveals complexity and heterogeneity of cellular genotoxic stress responses, ()N)27 Oncogene, 18(24):3666 (1999) 28 Bally, et al., Biological barriers to cellular delivery of lipid-based DNA carriers, Adv Drug Deliv Rev, 38(3):291 (1999); Baron, et al., Generation of conditional mutants in higher eukaryotes by switching between the expression of two genes, Proc Natl Acad Sci 29 USA, 96(3):1013 (1999); Bittner, et al., Data analysis and integration: of steps and arrows, Nat Genet, 22(3):213 (1999); 30 31 Boynton and AL, Control of 3T3 cell proliferation by calcium, In Vitro, 10(12 (1974); 32 Brown and Botstein, Exploring the new world of the genome with DNA microarrays, Nat Genet, 21(1 Suppl):33 (1999); Brown, et al., Induction of alkaline phosphatase in mouse L cells by overexpression of the catalytic subunit of cAMP-dependent protein 33 kinase, J Biol Chem, 265(22):13181 (1990); 34 Brunner, et al., Cell cycle dependence of gene transfer by lipoplex, polyplex and recombinant adenovirus, Gene Ther, 7(5):401 (2000); Cheng, Receptor ligand-facilitated gene transfer: enhancement of liposome-mediated gene transfer and expression by transferrin, Hum Gene 35 Ther, 7(3):275 (1996); Duggan, et al., Expression profiling using cDNA microarrays, Nat Genet, 21(1 Suppl):10 (1999); 36 37 Gill and Sanseau, Rapid in silico cloning of genes using expressed sequence tags (ESTs), Biotechnol Annu Rev, 5(25 (2000); 38 Graves, Powerful tools for genetic analysis come of age, Trends Biotechnol, 17(3):127 (1999) Huang, et al., Identification and temporal expression pattern of genes modulated during irreversible growth arrest and terminal differentiation 30 in human melanoma cells, Oncogene, 18(23):3546 (1999) 40 lyer, et al., The transcriptional program in the response of human fibroblasts to serum, Science, 283(5398):83 (1999); Mann, et al., Pressure-mediated oligonucleotide transfection of rat and human cardiovascular tissues, Proc Natl Acad Sci U S A, 96(11):6411 41 (1999); Mortimer, et al., Cationic lipid-mediated transfection of cells in culture requires mitotic activity, Gene Ther, 6(3):403 (1999); 42 432 Neumann, et al., Fundamentals of electroporative delivery of drugs and genes, Bioelectrochem Bioenerg, 48(1):3 (1999); Ross, et al., Enhanced reporter gene expression in cells transfected in the presence of DMI-2, an acid nuclease inhibitor, Gene Ther, 44 5(9):1244 (1998); 45 Schena, et al., Quantitative monitoring of gene expression patterns with a complementary DNA microarray, Science, 270(5235):467 (1995); 46 Tseng, et al., Mitosis enhances transgene expression of plasmid delivered by cationic liposomes, Biochim Biophys Acta, 1445(1):53 (1999); Wagner, et al., DNA-binding transferrin conjugates as functional gene-delivery agents: synthesis by linkage of polylysine or ethidium 47 homodimer to the transferrin carbohydrate moiety, Bioconiug Chem, 2(4):226 (1991); Watson and Akil, Gene chips and arrays revealed: a primer on their power and their uses, Biol Psychiatry, 45(5):533 (1999); 48 49 Young, Biomedical discovery with DNA arrays, Cell, 102(1):9 (2000) Zenke, et al., Receptor-mediated endocytosis of transferrin-polycation conjugates: an efficient way to introduce DNA into hematopoietic cells, Proc Natl Acad Sci U S A, 87(10):3655 (1990); 50 Zhu, et al., Cellular gene expression altered by human cytomegalovirus: global monitoring with oligonucleotide arrays, Proc Natl Acad Sci U S A, 95(24):14470 (1998) 51 Antonyak, et al., Constitutive activation of c-Jun N-terminal kinase by a mutant epidermal growth factor receptor, J Biol Chem, 273(5):2817 52

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APR 1 6 2004 FORM PTO-144 TRADEN U.S. Department of Commerce Patent and Trademark Office Attorney Docket No.: UM-06669 Serial No.: 10/002,802 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary) Applicant: Michael D. Uhler 4521 Filing Date: 11/02/2001 Group Art Unit: (37 CFR § 1.98(b)) U.S. PATENT DOCUMENTS Examiner Serial / Patent Cite Issue Date Applicant / Patentee Class Subclass Filing Date Initials No. Number 6,544,790 04/08/03 Sabatini. 435 455 09/18/00 6/21/04 Examiner: Date Considered: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. EXAMINER: